ID002325074

2F

LENOX
CHINA • CRYSTAL

POMONA NEW JERSEY 08240

Tim

Angel

PE85-June 5, 1985

Frank Coolick, Chief
Bureau of Hazardous Waste Engineering
Division of Waste Management
New Jersey Department of Environmental Protection
32 East Hanover Street
Trenton, New Jersey 08625

RE: Revised Part B Application
Lenox China, Pomona, NJ

Dear Mr. Coolick:

Enclosed is a copy of a flood map for the area around the Lenox plant site. No portion of the plant site is located within the 100-year floodplain boundary. We are submitting this additional facility siting information in support of Lenox China's RCRA Part B Application.

Sincerely,

A.J. Gustfay
Director,
Facilities Engineering

AJG/pm
Enclosure

CC: Mr. Ernest A. Regna, Chief
Solid Waste Branch
U.S. Environmental Protection Agency
26 Federal Plaza, Room 905
New York, New York 10278

Mr. Joel Golumbek, Chief
NJ/Caribbean Hazardous Waste Section
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10278

Mr. Robert Gantzer
NJ/Caribbean Hazardous Waste Section
Solid Waste Branch
U.S. Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10278

Mr. John J. Trela, Chief
Groundwater Permits Review
Bureau of Groundwater Management
Division of Water Resources
CN-029
Trenton, NJ 08625

Mr. Robert Saar
Geraghty & Miller, Inc.
North Shore Atrium
6800 Jericho Turnpike
Syosset, New York 11791

Mr. Richard J. Sullivan
New Jersey First, Inc.
Route 31 Professional Building
2490 Pennington Road
Trenton, NJ 08638

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

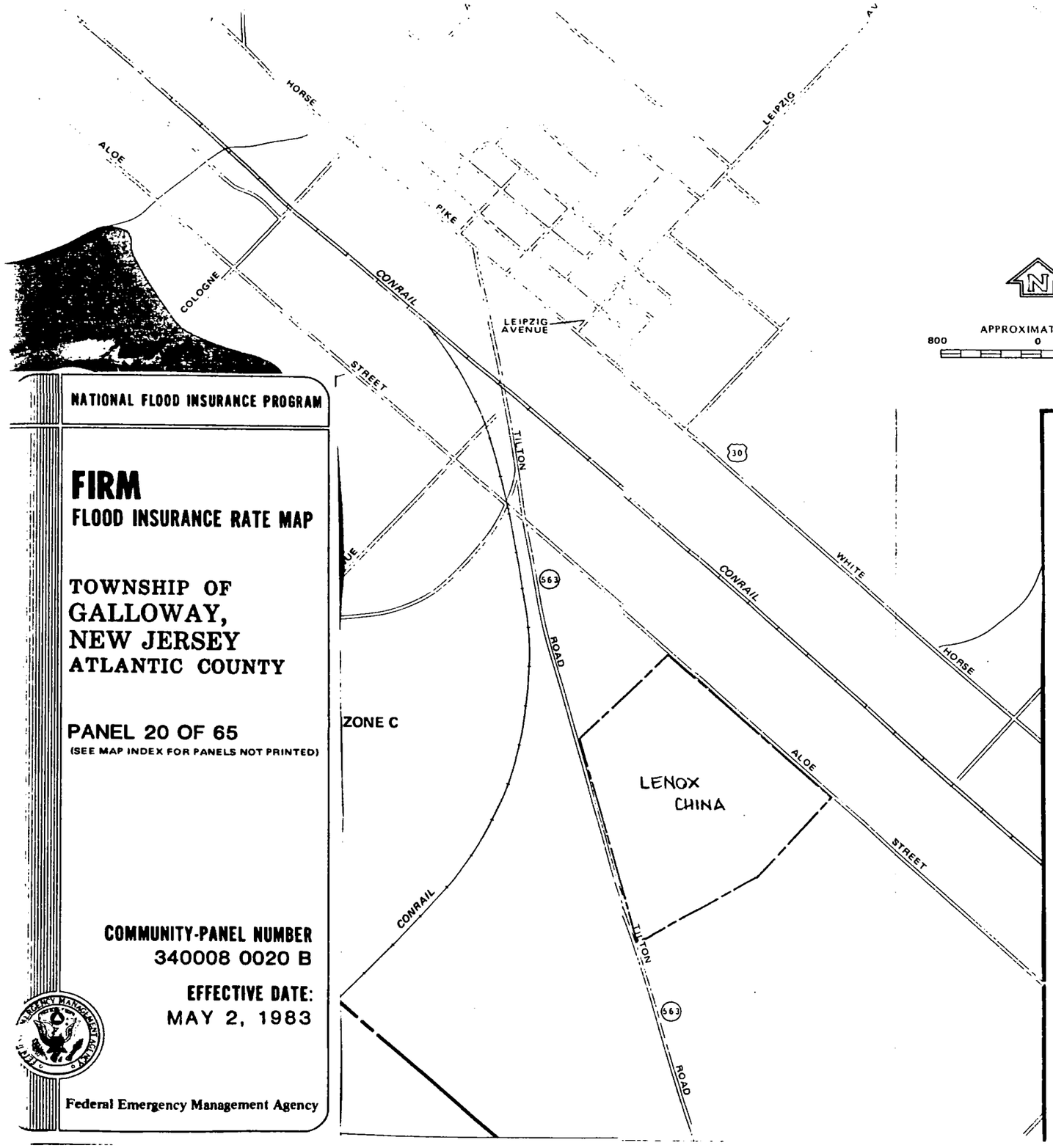
TOWNSHIP OF GALLOWAY, NEW JERSEY ATLANTIC COUNTY

PANEL 20 OF 65
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
340008 0020 B

EFFECTIVE DATE:
MAY 2, 1983

Federal Emergency Management Agency



N

APPROXIMATE SCALE
800 0 800 FEET

KEY TO MAP

500-Year Flood Boundary	
100-Year Flood Boundary	
Zone Designations*	ZONE B / ZONE AE / ZONE B
100-Year Flood Boundary	
500-Year Flood Boundary	
Base Flood Elevation Line With Elevation In Feet**	513
Base Flood Elevation in Feet Where Uniform Within Zone**	(EL 987)
Elevation Reference Mark	RM7x
Zone D Boundary	
River Mile	•M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500 year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

TOWNSHIP OF GALLOWAY, NEW JERSEY ATLANTIC COUNTY

PANEL 25 OF 65
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
340008 0025 B

EFFECTIVE DATE:
MAY 2, 1983

Federal Emergency Management Agency

2F

LENOX
CHINA · CRYSTAL
POMONA NEW JERSEY 08240

VIA EXPRESS MAIL

October 8, 1987

Kenneth Goldstein
N.J. Department of Environmental Protection
Underground Storage Tank Section
Division of Water Resources
Bureau of Ground Water Quality Management
CN 028 401 E. State Street
Trenton, New Jersey 08625

Re: Underground Storage Tanks
Lenox China
Pomona Plant

Dear Mr. Goldstein,

On May 7, 1986 we registered two underground storage tanks at the Lenox China Plant in Pomona, N.J. (See attached NJDEP registration questionnaire form.)

These tanks were removed during our two week plant shutdown period July 20 thru August 2 because they were no longer required for plant operations. There was no problem with these tanks. The excavated area was tested and no contamination was found (see attached test reports).

The tanks were removed off site to Camden Iron, 6th & Atlantic, Camden, N.J.

Attached for your information and reference is a listing of general project information noting contractors and test laboratory.

Please call me at (609) 641-3700 if you have any questions or need additional information.

Sincerely,

A.J. Gustray
Director, Facilities Engineering

AJG/pm
Attachments

DISTRIBUTION:
w/enclosures

T.H. Brasher
S.F. Lichtenstein
W.R. Miller
S.J. Piotrowski
R.J. Sullivan (N.J. First)
R.A. Saar (G&M)

LENOX
CHINA • CRYSTAL
POMONA NEW JERSEY 08240

May 7, 1986

Underground Storage Tank Coordinator
Department of Environmental Protection
Division of Water Resources
CN 029
Trenton, NJ 08625

Re: Underground Storage Tank Registration Questionnaire

Dear Sir,

Transmitted herewith are completed questionnaires covering the following Lenox facilities:

Lenox China, Pomona, NJ

Lenox China, Trenton, NJ

Lenox Corp. Hdqtrs., Lawrenceville, NJ

If you have any questions, please call my office (609) 641-3700.

Sincerely,

A.J. Gustray
Director, Facilities Engineering

AJG/pm
Enclosures

CC: (w/o enclosures)
Arnold Schiffman, NJDEP
George G. McCann, NJDEP
Dirk C. Hoffman, NJDEP

BCC: (w/o enclosures)
T.H. Brasher
J.G. FitzPatrick
S.F. Lichtenstein
W.R. Miller
R.A. Saar (G&M)
R.J. Sullivan (NJ First)
E.M. Yermack

Let's protect our earth

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Water Resources
CN-029
Trenton, New Jersey 08625

FOR STATE USE ONLY

	YES
UST #-	
CK. IN.	☐
AMT.	☐
AUTH.	☐
SP. ROUTE	☐
SITE PLN.	☐
SIGN.	☐
COMCODE	

UNDERGROUND STORAGE TANK REGISTRATION QUESTIONNAIRE

Bureau of Ground Water Quality Management
Underground Storage Tank Section
(609)984-9736

COMPLIANCE WITH THIS REGISTRATION WILL MEET ALL REGISTRATION REQUIREMENTS OF THE FEDERAL LAW, P.L. 93-616, THE HAZARDOUS AND SOLID WASTE AMENDMENTS OF 1984, SUBTITLE 1, SECTIONS 9001-9010.

General Facility Information

1. Facility name: LENOX CHINA

2. Facility location: TILTON ROAD
NUMBER AND STREET
POMONA
CITY OR MUNICIPALITY
ATLANTIC — COUNTY; NJ — STATE; 08240 — ZIP CODE

3. Owner's mailing address: 100 LENOX DRIVE
NUMBER AND STREET
LAWRENCEVILLE
CITY OR MUNICIPALITY
MERCER — COUNTY; NJ — STATE; 08648 — ZIP CODE

4. Owner's name: LENOX INCORPORATED

5. Contact person (Facility Operator) AJ GUSTRAY DIR FAC ENG
PERSON OR TITLE

6. Contact telephone number: 609 — AREA CODE; 641 — EXCHANGE; 3700 — NUMBER

7. Total number of facility underground storage tanks: 0002 (Complete Questions 12 thru 33 for each tank)

8. Total facility underground storage tank capacity (gallons): 0010200

9. Type and status of owner (mark all that apply).

A. ☒ CURRENT B. ☐ FORMER C. ☐ STATE OR LOCAL GOVERNMENT D. ☒ PRIVATE OR CORPORATE E. ☐ OWNERSHIP UNCERTAIN F. ☐ FEDERAL GOVT. (GSA FACILITY I.D. NUMBER)

10. Two copies of a site plan are submitted with this registration. A. ☒ YES B. ☐ NO

Submit two (2) copies of SITE PLAN showing facility or property boundary, buildings and the location of ALL underground storage tanks. EITHER, an existing engineering site plan, if available, OR a neat and legible hand-drawn sketch of the site may be submitted. In either case the site plan or sketch MUST show the location and distances that tanks, buildings, and dispensers are from the facility's property boundary. Include all tanks that are operating or existing, (E); abandoned, (A); or closed, (C). Each underground tank on the site plan or sketch shall be numbered in accordance with the instructions for question 12. The number assigned to a tank on the site plan or sketch MUST match and be identical to the tank identification number assigned to that tank on this form.

INCLUDE FACILITY NAME, OWNER'S NAME, FACILITY ADDRESS AND TELEPHONE NUMBER ON ALL SITE PLANS

11. All underground tanks used after January 1, 1974 including those taken out of operation, **(UNLESS THE TANK WAS REMOVED FROM THE GROUND)** must be included in this registration. All in-ground tanks shall be reported as underground tanks on this questionnaire regardless of their current status; Existing, E; Abandoned, A; or Closed C.

SPECIFIC TANK INFORMATION

	TANK NO.	TANK NO.	TANK NO.	TANK NO.	TANK NO.
Tank Identification Number	E1	E2			
CASRN Number (Hazardous Substances Only)					
Tank Age (Years)	22	22			
Tank Size (gallons)	8200	2000			
Tank Contents (MARK ONE X)					
A. Leaded gasoline	☐	☐	☐	☐	☐
B. Unleaded gasoline	☐	☒	☐	☐	☐
C. Alcohol enriched gasoline	☐	☐	☐	☐	☐
D. Light diesel fuel (No. 1-D)	☐	☐	☐	☐	☐
E. Medium diesel fuel (No. 2-D)	☐	☐	☐	☐	☐
F. Waste oil	☐	☐	☐	☐	☐
G. Kerosene (No. 1)	☐	☐	☐	☐	☐
H. Home heating oil (No. 2)	☒	☐	☐	☐	☐
J. Heating oil (No. 4)	☐	☐	☐	☐	☐
K. Heavy heating oil (No. 6)	☐	☐	☐	☐	☐
L. Aviation fuel	☐	☐	☐	☐	☐
M. Hazardous substances (per Fact Sheet)	☐	☐	☐	☐	☐
N. Other; Please Specify					
7. Tank and Piping Construction (MARK ALL THAT APPLY X)	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping
A. Bare steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
B. Carbon steel	☒ ☒	☒ ☒	☐ ☐	☐ ☐	☐ ☐
C. Stainless steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
D. Aluminum	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
E. Polyvinyl chloride	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
F. Concrete	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
G. Bronze	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
H. Earthen walls	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
J. Fiberglass reinforced plastic	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
K. Fiberglas-clad steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
L. Painted/asphalt steel	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
M. Vaulted	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
N. Composite	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
P. Iron (cast or ductile)	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
R. Non-metallic	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
S. Other; Please Specify					
8. Tank and Piping Structure (MARK ALL THAT APPLY X)	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping
A. Single wall	☒ ☒	☒ ☒	☐ ☐	☐ ☐	☐ ☐
B. Double wall	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
C. Manway in tank	☒	☐	☐	☐	☐
9. Internal Tank and Piping Lining (MARK ONE X)	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping	Tank / Piping
A. Rubber	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
B. Epoxy	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
C. Alklyd	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
D. Phenolic	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
E. Glass	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
F. Clay	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
G. None	☒ ☒	☒ ☒	☐ ☐	☐ ☐	☐ ☐

Tank I.D. No.	TANK NO. 1		TANK NO. 2		TANK NO.		TANK NO.		TANK NO.	
10. Tank and Piping Lining installed (MARK ONE X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. At purchase of tank	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Retrofitted	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11. Secondary containment (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Liner	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Vault	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Double wall	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
E. Other, Please Specify										
12. External Type/Application of Cathodic Protection (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Wrapped	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Sprayed	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Sacrificial anode	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. Impressed current	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
E. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
F. Other, Please Specify										
13. Monitoring/detection method (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Automatic sampling	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Manual sampling	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Ground water monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. System in secondary containment	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
E. System outside backfill	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
F. System within piping (piping leak detector)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
G. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
14. Type of monitoring/detection system (MARK ALL THAT APPLY X)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Continuous	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Event activated	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. Audio	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. Visual	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
E. Electric sensor	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
F. Stock/inventory control (manual)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
G. Stock/inventory control (electronic)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
H. Tile drain	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
J. Vapor sniff wells	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
K. Internal inspection	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
L. Other, Please Specify										
M. None	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
15. Testing history recorded (MARK ALL THAT APPLY X)										
A. Yes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. No	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐
C. Test Result (MARK IF LEAKING NOW)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16. Leak/spill occurrence (MARK ALL THAT APPLY X)										
A. Within the past 1 year	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
B. Within the past 1 to 5 years	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
C. More than 5 years ago	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
D. No Records	☒	☒	☒	☒	☐	☐	☐	☐	☐	☐

Tank I.D. No.	TANK NO. E 1	TANK NO. E 2	TANK NO.	TANK NO.	TANK NO.
27. Tank Status (MARK ONE X) A. Active (operational)	☒	☒	☐	☐	☐
B. Inactive (non-operational)	☐	☐	☐	☐	☐
C. Closed (temporarily out-of-service)	☐	☐	☐	☐	☐
D. Closed (permanently out-of-service)	☐	☐	☐	☐	☐
* SEE BELOW E. Abandoned, in place	☐	☐	☐	☐	☐
F. Abandoned, in place, filled only	☐	☐	☐	☐	☐
G. Abandoned, in place, sealed only	☐	☐	☐	☐	☐
H. Abandoned, in place, filled and sealed	☐	☐	☐	☐	☐
* J. Seasonal	☐	☐	☐	☐	☐
K. Prior retrofitting work, Please Specify					
L. Other, Please Specify					
28. Spill recovery system on-site (MARK ONE X) A. Yes	☐	☐	☐	☐	☐
B. No	☒	☒	☐	☐	☐
29. Overfill protection (tank only) (MARK ONE X) A. Yes	☐	☐	☐	☐	☐
B. No	☒	☒	☐	☐	☐
30. Emergency shut-off mechanisms (dispensers) (MARK ONE X) A. Yes	☐	☐	☐	☐	☐
B. No	☒	☒	☐	☐	☐

* If boxes 27 E, F, G or H above have been answered - answer questions 31, 32 and 33 below.

31. Substance last used in tank (MARK ONE X) A. Leaded gasoline	☐	☐	☐	☐	☐
B. Unleaded gasoline	☐	☐	☐	☐	☐
C. Alcohol enriched gasoline	☐	☐	☐	☐	☐
D. Light diesel fuel (No. 1-D)	☐	☐	☐	☐	☐
E. Medium diesel fuel (No. 2-D)	☐	☐	☐	☐	☐
F. Waste oil	☐	☐	☐	☐	☐
G. Kerosene (No. 1)	☐	☐	☐	☐	☐
H. Home heating oil (No. 2)	☐	☐	☐	☐	☐
J. Heating oil (No. 4)	☐	☐	☐	☐	☐
J. Heavy heating oil (No. 6)	☐	☐	☐	☐	☐
K. Aviation fuel	☐	☐	☐	☐	☐
L. Hazardous substances (per Fact Sheet)	☐	☐	☐	☐	☐
M. Other, Please Specify					
32. Estimated date last used (month/year)	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr.	Mo. Yr.
33. Estimated quantity (gallons) left in tank					

OWNER OR OWNER'S AGENT CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Albert J. Gustray 5-7-86
(SIGNATURE)

ALBERT J. GUSTRAY
(PRINT OR TYPE NAME)

DIRECTOR, FACILITIES ENGINEERING
(TITLE)

UNDERGROUND TANK REMOVAL

GENERAL PROJECT INFORMATION

During the week of 20 July 1987 Lenox China removed previously registered (5/7/86) underground storage tanks for fuel oil (8,200) and gasoline (2,000 gal).

- This work was planned and coordinated by the prime contractor:
  S.A.R., Inc.
  100 Route 130
  N. Collingswood, N.J. 08108
  (609) 858-1400

- Tanks were cleaned and certified non-hazardous by:
  PROTANK Div. of Rezultz, Inc.
  PO Box 92
  Franklinville, N.J. 08322
  (609) 696-0222

- Tank cleanup residues were removed by:
  Casie Enterprises Div. of Rezultz, Inc.
  N.J. Hazardous Waste Manifest #NJA0335217
  Dated: July 21, 1987

- Waste was consigned to:
  Rezultz, Inc.
  Permit #NJD045995693

- S.A.R. excavated tanks for removal by:
  Cline Crane
  Bellmar, N.J.

- Scrap tanks were consigned to:
  Camden Iron
  6th & Atlantic

- Lab samples for hydrocarbons were run by the Casie Enterprises Lab Test from:
  "Test Methods for Evaluating Solid Waste"
  Physical/Chemical Methods
  3rd Edition 11/86 U.S.E.P.A. SW-846

UNDERGROUND TANK REMOVAL

TANK REMOVAL ACTIONS

S.A.R. excavated tanks on 7/20/87.

On 7/21/87 the gasoline tank was filled and carefully topped-off with clean water. A large hole was cut out around the fill port. The tank was pumped out to a waiting vac-truck by PROTANK. Remaining residues were removed to the vac-truck upon entry by cleaning crew.

Subsequent to cleaning the gasoline tanks, the oil tank manhole was opened. A cleaning crew entered and cleaned the tank. Residues were removed to the vac-truck.

All attached piping had been previously disconnected and flushed into the gasoline and oil tanks with fresh water. The pipes were then disconnected at the tanks and cut off at the walls of the excavation. The remaining portions of underground piping were plugged with sackrete.

Tanks were lifted out with a crane and loaded onto a flatbed truck for transportation to scrap yard. Both tanks were apparently sound with no leakage observed. Large holes were cut in the sides of the tanks before lifting from excavation to Cline Crane's truck to prevent reuse.

UNDERGROUND TANK REMOVAL

SAMPLING & DECONTAMINATION

- All tank cleaning, removal and sampling work was monitored by Carol Karp of Geraghty & Miller, Plainview, NY 11803 (Newtown, PA office).

- Upon excavating the oil tank, an abandoned 4" fill line extending from the plant receiving dock was discovered. The line had been disconnected from the top of the oil tank, plugged and pushed aside. A new 4" line from the 10,000 gallon above ground tank had been connected in its place. The abandoned line was bent down in mid-span, sawed apart and remaining oil collected in steel, open-head drums.

- Some slight seepage was discovered around the suction line check valve where the line entered the tank. All of the contaminated soil was collected into lined fiber-board drums.

- Groundwater was observed rising in excavation and running in from the sides.

- Samples were taken at the corners of the tank locations and below the center of each tank. Due to the precarious conditions in the excavation caused by caving sides, soil samples were taken by the excavation workmen already in the hole to rig the tanks. The hole was then lined with PVC and partially filled to prevent further caving of sides.

UNDERGROUND TANKS

SAMPLING AND DECONTAMINATION

- A groundwater sample was taken by Carol Carp from under the center of the the fuel oil tank and sent to QC, Inc. for analysis. Note that groundwater test results were received later and they showed none detectable for fuel oil and gasoline.

- Samples were sent to the Casie Enterprises Lab for hydrocarbon analysis. Some high readings were found.

- Due to the workmen's sampling techniques and the obvious contamination of the excavation with small pieces of asphalt from the pavement over the tanks, it was decided to resample the excavation. Dirt was removed down to the PVC and placed in one pile. PVC and remaining dirt were placed in a separate pile. Both piles were covered. New samples were taken, being careful not to contaminate the bottles or soil with dirty hands or tools. The hole was lined with new PVC and partially filled.

- When the resampling results showed low or none detectable, the excavation was filled and compacted. Uncontaminated dirt from the original excavation and dirt piled on-site from excavation for the forklift ramp and truckdock apron were used for fill. The excavation was topped with a foot of crushed stone.

- The soil and PVC excavated for the resampling were moved to a remote area, spread on PVC and covered with PVC. Subsequent sampling revealed no contamination. This soil was later used for clean fill on site.

- Sample locations and results are presented on the attached sketch. Lab reports are also attached.

- Contaminated soil and oil drainings from the abandoned fill pipe were repackaged into 5 open-head steel drums and sealed. These are awaiting proper disposition to a hazardous waste incinerator.

GERAGHTY & MILLER, INC.
Ground-Water Consultants

September 21, 1987

Mr. A.J. Gustray, Director
Facilities Engineering
Lenox China, Inc.
Tilton Road
Pomona,. N.J. 08240

Re: Water sample from Pomona tank excavation

Dear Mr. Gustray:

For your files, I am enclosing test results for a water sample taken by Carol Karp from the tank excavation at your Pomona plant. There is no indication of gasoline or fuel oil contamination.

Please contact me if you have any questions.

Sincerely,

GERAGHTY & MILLER, INC.

Robert A. Saar

Robert A. Saar, Ph.D.
Associate

RAS:ts

RECEIVED SEP 25 1987

125 East Bethpage Road • Plainview, New York 11803 • (516) 249-7600
Cable WATER • Telecopy (516) 249-7610

QC Inc
1205 INDUSTRIAL HIGHWAY • P.O. BOX 514 • SOUTHAMPTON, PA 18966-0514 • (215) 355-3900

CUSTOMER: Geraghty & Miller
SAMPLE DATE: 07/22/87
SAMPLE NUMBER: 5226
SAMPLE IDENTIFICATION: Project NO627PM1, Sample ID #1, Lenox China

Parameter	Result	Detection Limit ppb
Gasoline	ND	< 5.
Fuel Oil	ND	< 11.

NOTE: Method: Purge/Trap with P.I.D. (602)

William E. Steinbeck, Jr.
QC, INC.

All testing is conducted in accordance with EPA methodology.

CASTLE enterprise
A Division of Results, Incorporated

July 29, 1987

Sample Identification: Lenox China c/o S.A.R.
Tilton Road
Pomona, NJ 08240

Date Sampled: July 23, 1987

Date Analyzed: July 24, 1987

Analysis: Petroleum Hydrocarbons (PHC)

SAMPLE NO.	RESULTS, ppm
A 2	65
E 2	85
V	<30
W	<30
X	<30
Y	<30
B 2	<30
Z 1	<30
Z 2	<30
Z 3	<30
Z 4	<30
Z 5	<30

Submitted by:

Robert A. White
Laboratory Director

RAW/lbh

Cetis Ecology Oil Salvage, Inc.
Analytical Testing Service

CHAIN OF CUSTODY RECORD

P.O. Box 92
Franklinville
(609) 696-4401

Client: Lenny Chin & Sz
Site Location:
Samplers: Sam Ross

	Date	Time	Comp	Grab	Station Location	No. of Container	PHC						195.0
~~1~~	~~7/25/91~~	~~4:00~~		~~1~~		~~1~~							
2		4:00		1		1							
3		4:00		1		1							
4		4:00		1		1							
5		4:30		1		1							
6		4:30		1		1							
7		4:30		1		1							
8		4:30		1		1							
9		4:30		1		1							
10		5:00		1		1							
11		5:00		1		1							
12		5:00		1		1							
13		5:00		1		1							
14		5:00		1		1							
				12	TOTALS	12							

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	DATE/TIME	RECEIVED
SC Ross	7-25 6:PM	William Carson			
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	DATE/TIME	RECEIVED
RELINQUISHED BY:	DATE/TIME	RECEIVED FOR LABORATORY BY:	DATE/TIME	REMARKS:	

CASIE

enterprise

A Division of Results, Incorporated

July 29, 1987

Sample Identification: Lenox China c/o S.A.R.
Tilton Road
Pomona, NJ 08240

Date Sampled: July 21, 1987

Date Analyzed: July 22, 1987

Analysis: Petroleum Hydrocarbons (PHC)

	SAMPLE NO.	RESULTS, ppm
2,000 Gal. Gas Tank -	1 A	68
	1 B	298
	1 C	127
	1 D	105
	1 E	420
8,000 Gal. #2 Oil Tank -	1 A	154
	1 B	296
	1 C	6,656
	1 D	558
	1 E	367

Submitted by:

RAWhite

Robert A. White
Laboratory Director

RAW/lbh

TILTON ROAD
POMONA, NJ. 08240

DATE SAMPLED: 7/21/87
DATE ANALYZED: 7/22/87

ANALYSIS: PHC

SAMPLE NO		RESULTS, ppm
2000 GAL GASOLINE TANK	1A	68
	1B	298
	1C	127
	1D	105
	1E	420
8000 GAL #2 OIL TANK	1A	154
	1B	296
	1C	6656
	1D	558
	1E	367

Submitted by:

Robert A. White
Laboratory Director

Ecology Oil Salvage, Inc.
lytical Testing Service
P.O. Box 74
Franklinville
(609) 696-4401

CHAIN OF CUSTODY RECORD

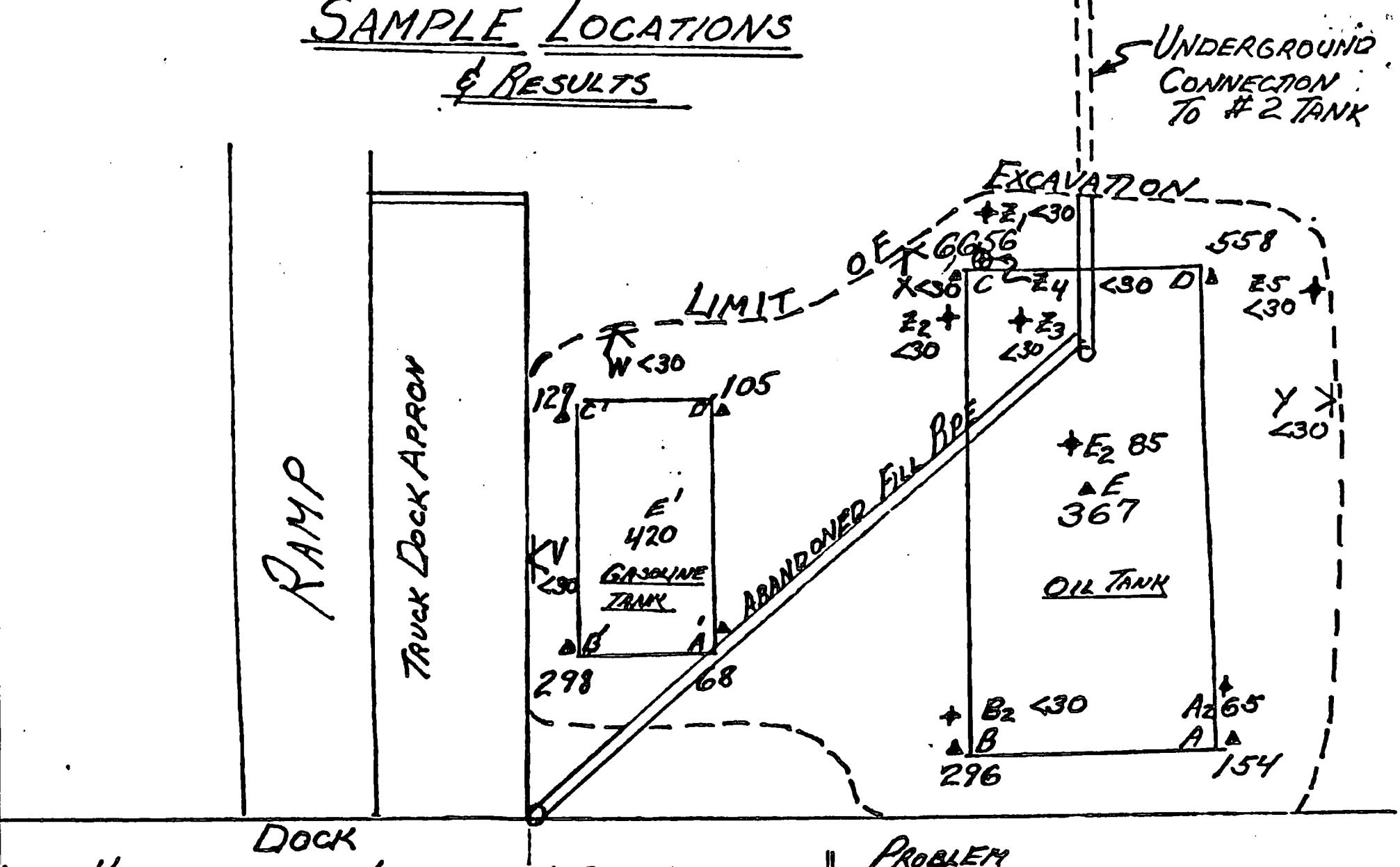
. Lenox China c/o SAR
ation: POMONA, NJ.

: SAM ROSS

Date	Time	COMP	GRAB	Station Location	No. of Container	PHC
7/21/87			X	GASOLINE TANK 1A	1	X
			X	1B	1	X
			X	1C	1	X
			X	1D	1	X
			X	1E	1	X
			X	#2 OIL TANK 1A	1	X
			X	1B	1	X
			X	1C	1	X
			X	1D	1	X
↓			X	1E	1	X
				TOTALS		

ISHED BY: Rob Ross	DATE/TIME 7/21/87 5:00 PM	RECEIVED BY: KAllister	RELINQUISHED BY:	DATE/TIME	RECEIVED ?
UISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	DATE/TIME	RECEIVED
QUISHED BY:	DATE/TIME	RECEIVED FOR LABORATORY BY:	DATE/TIME	REMARKS:	

SAMPLE LOCATIONS & RESULTS



NOTE: HYDROCARBON LIMIT IS 100 PPM

LEGEND

- △ INITIAL SAMPLING POINTS
- K SIDEWALL SAMPLE, ABOUT 3' BELOW ASPHALT - V, W, X & Y
- ✦ BOTTOM SAMPLE, RESAMPLED - Z_1, Z_2, Z_3 & Z_5 - A_2, B_2 & E_2
- ⊕ BOTTOM SAMPLE, RESAMPLED, DUG DOWN ANOTHER 2' - Z_4

PROBLEM

- MUST HAVE BEEN A SPILL FROM THE DISCONNECTED FILL PIPE
- BALANCE OF READINGS "COULD" PASS AS BACKGROUND. TAKE SIDE BORING SAMPLES.
- DIG OUT HIGH TANK CORNER(S) AND CENTERS.

State of New Jersey
Department of Environmental Protection
Division of Waste Management
CN 028, Trenton, NJ 08625

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID Number: N J D 0 0 2 3 2 5 0 7 4 | Manifest Document Number: 0 1 7 7 0 | 2 Page 1 of 8 | Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
Lenox China
Tilton Road, Pomona NJ 08240

4. Generator's Phone (609) 641-3700

A. State Manifest Document Number: NJA 0335217

B. State Generator's ID: SAME

5. Transporter 1 Company Name | 6. US EPA ID Number: N J D 0 4 5 9 9 5 6 9 3 | C. State Transporter's ID: NJDEPS6747 20324

D. Transporter's Phone (609) 696-4401

7. Transporter 2 Company Name | 8. US EPA ID Number | E. State Transporter's ID | F. Transporter's Phone

9. Designated Facility: Name and Site Address
Rezultz, Inc.
3209 N. Mill Road
Vineland NJ 08360

10. US EPA ID Number: N J D 0 4 5 9 9 5 6 9 3

G. State Facility's ID: 0614D

H. Facility's Phone: (609) 696-4401

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Waste Combustible Liquid N.O.S., Combustible Liquid NA1993	0 0 1	T T	X3550	G	X 7 2 6
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
L, T

K. Handling Codes for Wastes Listed Above
TOH Filter

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled/placarded and are in all respects in proper condition for transport by (road) according to applicable international and national governmental regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: JOHN F. KURTZ | Signature: [signature] | Month Day Year: 07 21 07

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

NJA 0335217

PROTANK

PROFESSIONAL TANK & SPILL SERVICE

A Division of Rezultz Inc.
P.O. Box 92 • Franklinville, NJ 08322
696-0222

9959

Deliver From Lenox China

Address Tilton Road

Pomona NJ

Tank Truck HJDEPJ

Salesman 67-47-2035 Time am / pm (circled: pm)

Approval ______ RFI# ______

☐ Sale ☒ Disposal ☐ Purchase

OILS LAB	MANIFEST#
	NJA-0335217
CHLORINATED CONTENT ______ PPM	METALS
BS&W ______ %	☐ As ______
	☐ Ba ______
FLASH ______ °F	☐ Cd ______
	☐ Cr ______
PHC ______ PPM	☐ Pb ______

Product	Gals.	Price	Amount
Waste Comb Liquid	2550		

Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed.

Generator's Authorized Signatory: [signature]

TITLE Mgr Facilities Svc DATE 7/31/87

Submitted By: [signature]

PROTANK

PROFESSIONAL TANK & SPILL SERVICE

A Division of Rezultz Inc.
P.O. Box 92 • Franklinville, NJ 08322
696-0222

8207

Deliver From Lenox China

Address Tilton Road

Pomona N.J.

Tank Truck Salesman ____ Time ____ am pm

Approval ____ RFI# ____

☐ Sale ☐ Disposal ☐ Purchase

OILS LAB	MANIFEST#
CHLORINATED CONTENT ____ PPM	2000 Gal Tank
	METALS
BS&W ____ %	☐ As ____
	☐ Ba ____
FLASH ____ °F	☐ Cd ____
	☐ Cr ____
PHC ____ PPM	☐ Pb ____

Product	Gals.	Price	Amount
Non	Haz	Vessel	

Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed.

Generator's Authorized Signatory: [signature]

TITLE Driver DATE 9/21/89

Submitted By: ____

PROTANK

PROFESSIONAL TANK & SPILL SERVICE

A Division of Rezultz Inc.
P.O. Box 92 • Franklinville, NJ 08322
696-0222

9955

Deliver From Lenox China

Address Tilton Road

Pomona N.J.

Tank Truck Salesman ____ Time ____ am pm

Approval ____ RFI# ____

☐ Sale ☐ Disposal ☐ Purchase

OILS LAB	MANIFEST#
CHLORINATED CONTENT ____ PPM	
	METALS
BS&W ____ %	☐ As 8000 Gal
	☐ Ba 1
FLASH ____ °F	☐ Cd Tank
	☐ Cr ____
PHC ____ PPM	☐ Pb ____

Product	Gals.	Price	Amount
Non	Haz	Vessel	

Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed.

Generator's Authorized Signatory: ____

TITLE ____ DATE ____

Submitted By: [signature]

2F

GERAGHTY & MILLER, INC.
Ground-Water Services

VIA FEDERAL EXPRESS

CA59 – February 9, 1989

Mr. Thomas Sherman, Acting Chief
Bureau of Hazardous Waste Engineering
State of New Jersey
Department of Enviromental Protection
Division of Hazardous Waste Management
401 East State Street
CN 028
Trenton, New Jersey 08625-0028

Re: Hazardous Waste Permit Application
Lenox, Inc.
EPA ID No. NJD 002 325 074

Dear Mr. Sherman:

On behalf of Lenox China, we have prepared the enclosed Soil Sampling and Analysis Plan for the TCE Drum Storage Pad and the Sludge Degreaser Pit at the manufacturing facility in Pomona, New Jersey. This plan was requested by Ernest Kuhlwein in his letter of October 13, 1989 addressed to Albert Gustray.

Please feel free to call us if you have any questions regarding this plan.

Sincerely,

GERAGHTY & MILLER, INC.

Catherine L. Gilroy
Senior Scientist/
Project Manager

Robert A. Saar
Robert A. Saar, Ph.D.
Senior Consultant/
Project Officer

CLG/RAS:vk
Encl.
cc: B. Tornick, USEPA Region II
S. Kinsel, DWR-BGWQC
L. Fantin, Lenox
S. Piotrowski, Lenox
A. Gustray, Lenox

125 East Bethpage Road • Plainview, New York 11803 • (516) 249-7600
Cable: WATER • Telecopy: (516) 249-7610

SOIL SAMPLING AND ANALYSIS PLAN

TCE DRUM STORAGE PAD AND SLUDGE DEGREASER PIT
LENOX CHINA, POMONA, NEW JERSEY
EPA I.D. NO. NJD 002 325 074

This soil sampling and analysis plan (SSAP) has been prepared by Geraghty & Miller, Inc. on behalf of Lenox China for the Trichloroethene (TCE) Drum Storage Pad and Sludge Degreaser Pit at the Lenox manufacturing facility in Pomona, New Jersey. The plan was requested by the New Jersey Department of Environmental Protection (NJDEP) in a letter dated October 13, 1988 from Ernest J. Kuhlwein, Jr. of the NJDEP to Albert Gustray of Lenox China concerning Lenox's Hazardous Waste Permit Application (EPA I.D. No. NJD 002 325 074).

Sludge Degreaser Pit

One soil sample will be collected from the Sludge Degreaser Pit as shown on Figure 1. Since the overhead building awnings and the drum filling apparatus would obstruct direct drilling into the sump, and truck access would be difficult on account of the fence, the borehole will be drilled by a portable tripod rig equipped with a cat-head and split-spoon sampler at a location approximately 1 ft northeast of the edge of the sump. Prior to drilling, the sampling spoon, as well as any other down-hole equipment, will be cleaned with a detergent solution (such as Micro™)

and rinsed with deionized water. A soil sample will be collected from the 0.5 to 1.0 ft interval. The on-site hydrogeologist will measure the location of the sampling borehole with respect to the pit. The soil will be examined and described by the hydrogeologist and placed into the laboratory-supplied sample collection bottle. The bottle will immediately be placed inside a chilled cooler. The borehole will be sealed with bentonite pellets and capped with asphalt and/or cement.

The soil sample will be analyzed by a New Jersey-certified laboratory by the Toxicity Characteristic Leaching Procedure followed by EPA Method 601 for halogenated volatile organic compounds, including trichloroethene and its break-down products 1,2-dichloroethene and vinyl chloride.

TCE Drum Storage Pad

Six borings will be drilled around the periphery of the TCE Drum Storage Pad at the approximate locations shown on Figure 2. The locations of the two borings inside of the storage shed will depend on site accessibility; this building is used to store plant maintenance equipment and the rounded roof is relatively low where it borders the drum storage pad. The borings will be drilled by a tripod

equipped with a cat-head and split-spoon sampler at locations as close as possible to the pad.

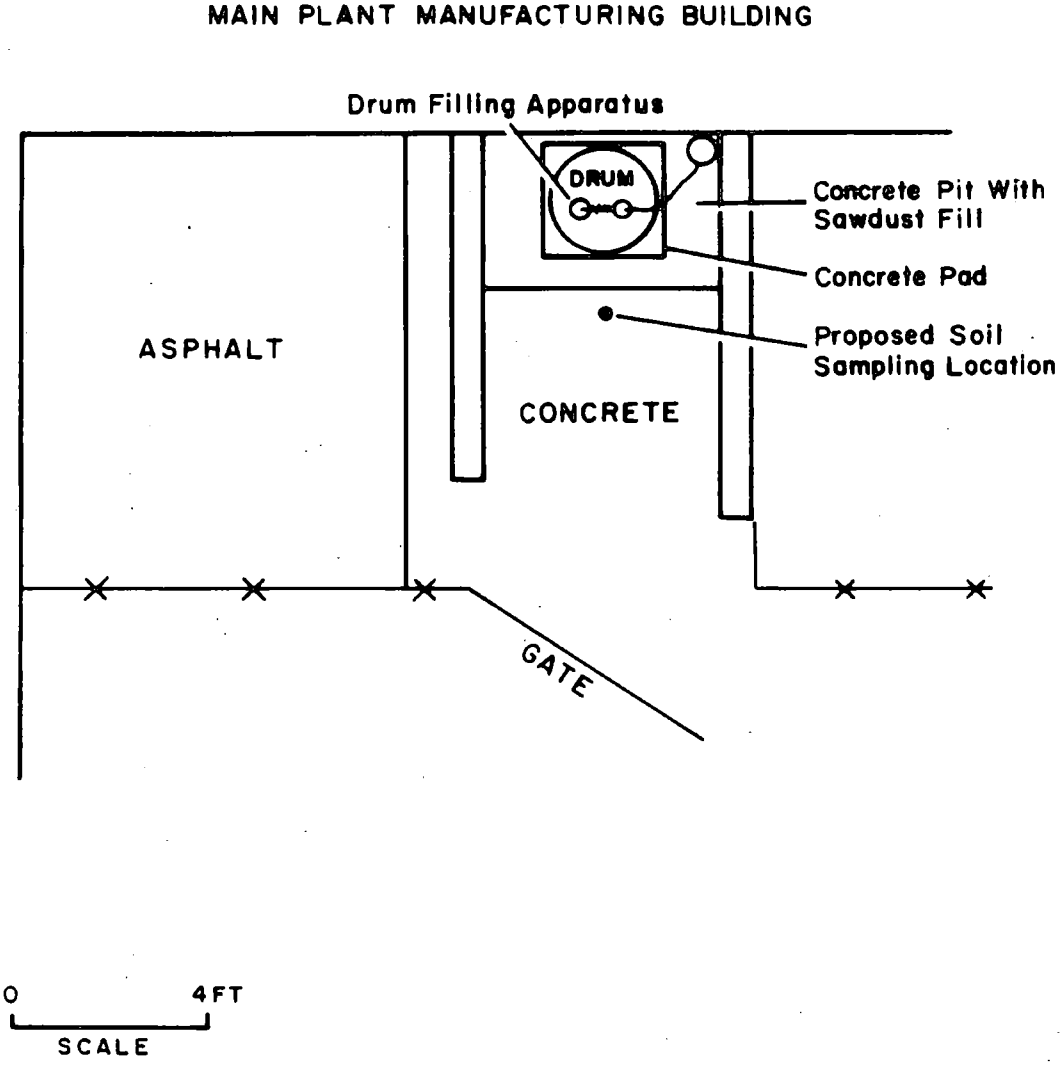
Prior to drilling at each location, the sampling spoon, as well as any other down-hole equipment, will be cleaned with a detergent solution (such as Micro™) and rinsed with deionized water. A field equipment blank will be prepared by running laboratory-supplied demonstrated analyte-free deionized water over the sampling equipment. The water will then be collected in laboratory-supplied sample bottles and immediately placed inside a chilled cooler.

The on-site hydrogeologist will measure the distances of the borings from the sides of the pad. At each boring location, a soil sample will be collected from a depth of 1.5 to 2.5 ft below grade. The material will be visually examined by the hydrogeologist, and a composite of the entire length of the recovered sample will be placed into the laboratory-supplied sample collection bottle. The bottles will immediately be placed inside a chilled cooler. The borehole will be sealed with bentonite pellets and capped with asphalt and/or cement.

The four samples will each be analyzed by a New Jersey-certified laboratory by the Toxicity Characteristic Leaching Procedure followed by EPA Method 601 for halogenated volatile organic compounds and EPA Method 239.2 for lead.

The field blank will be analyzed by EPA Methods 601 and 239.2.

GERAGHTY & MILLER, INC. Ground-Water Consultants	COMPILED BY: C. GILROY	DATE: 2/89	SCALE: SHOWN	PREPARED FOR: LENOX CHINA
	PREPARED BY: E. DeLUCA	FILE NO: NY0627PM01		Pomona, New Jersy
	PROJECT MGR.: R. SAAR			



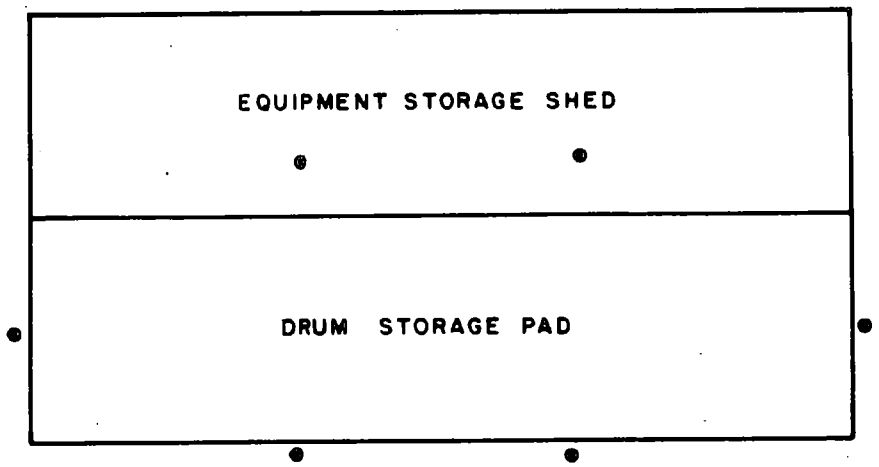
SUBJECT:

PROPOSED SOIL SAMPLING LOCATIONS, SLUDGE DEGREASER PIT

FIGURE 1

141991

GERAGHTY & MILLER, INC. Ground-Water Consultants	COMPILED BY: C. GILROY	DATE: 2/89	SCALE: SHOWN	PREPARED FOR: LENOX CHINA Pomona, New Jersy
	PREPARED BY: E. DeLUCA	FILE NO: NY0627PM01		
	PROJECT MGR.: R. SAAR			



0 20 FT
SCALE

EXPLANATION

● PROPOSED SOIL SAMPLING LOCATION.

SUBJECT:

PROPOSED SOIL SAMPLING LOCATIONS, TCE DRUM STORAGE PAD

FIGURE 2

141991

SOIL SAMPLING AND ANALYSIS PLAN

TCE DRUM STORAGE PAD AND SLUDGE DEGREASER PIT
LENOX CHINA, POMONA, NEW JERSEY
EPA I.D. NO. NJD 002 325 074

This soil sampling and analysis plan (SSAP) has been prepared by Geraghty & Miller, Inc. on behalf of Lenox China for the Trichloroethene (TCE) Drum Storage Pad and Sludge Degreaser Pit at the Lenox manufacturing facility in Pomona, New Jersey. The plan was requested by the New Jersey Department of Environmental Protection (NJDEP) in a letter dated October 13, 1988 from Ernest J. Kuhlwein, Jr. of the NJDEP to Albert Gustray of Lenox China concerning Lenox's Hazardous Waste Permit Application (EPA I.D. No. NJD 002 325 074).

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and rinsed with deionized water. A soil sample will be collected from the 0.5 to 1.0 ft interval. The on-site hydrogeologist will measure the location of the sampling borehole with respect to the pit. The soil will be examined and described by the hydrogeologist and placed into the laboratory-supplied sample collection bottle. The bottle will immediately be placed inside a chilled cooler. The borehole will be sealed with bentonite pellets and capped with asphalt and/or cement.

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equipped with a cat-head and split-spoon sampler at locations as close as possible to the pad.

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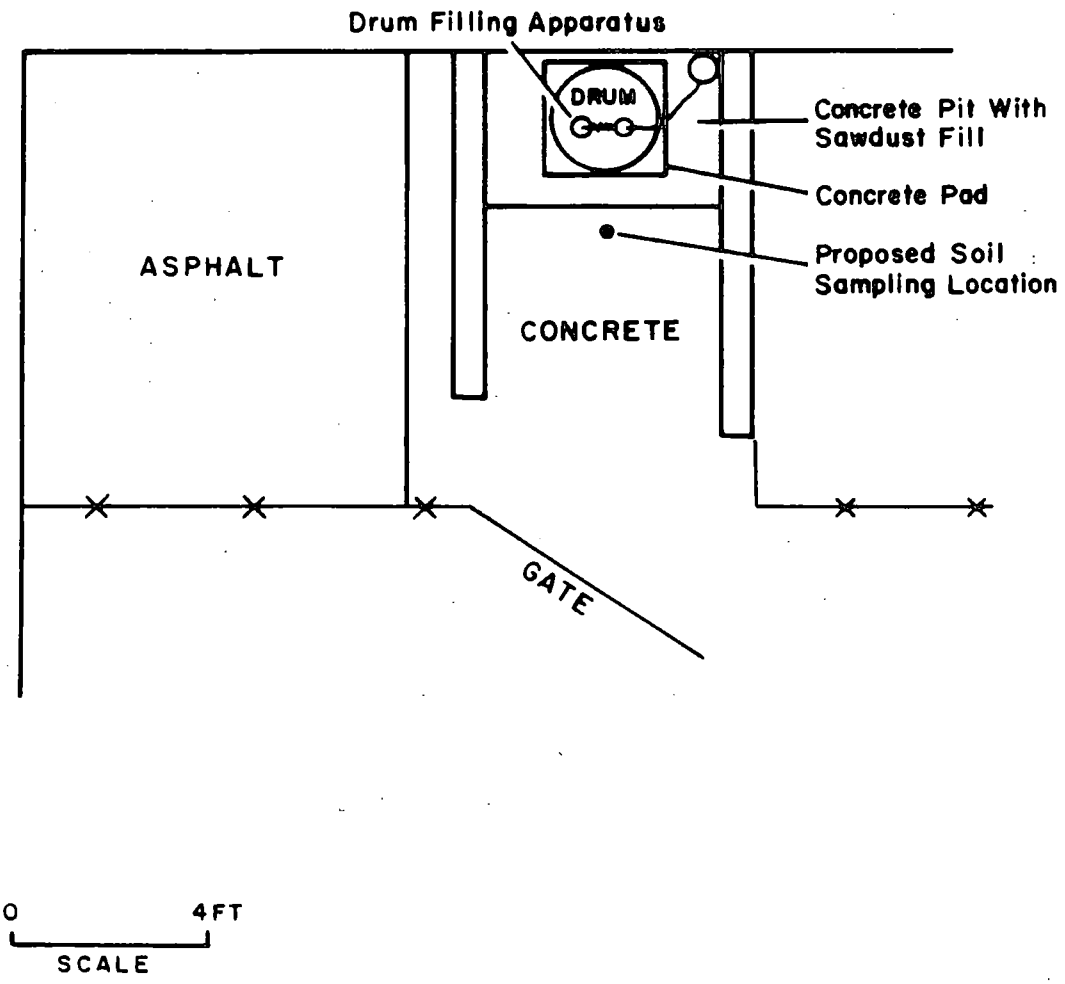
The four samples will each be analyzed by a New Jersey-certified laboratory by the Toxicity Characteristic Leaching Procedure followed by EPA Method 601 for halogenated volatile organic compounds and EPA Method 239.2 for lead.

The field blank will be analyzed by EPA Methods 601 and 239.2.

GERAGHTY & MILLER, INC. Ground-Water Consultants	COMPILED BY: C. GILROY	DATE: 2/89	SCALE: SHOWN	PREPARED FOR: LENOX CHINA Pomona, New Jersey
	PREPARED BY: E. DeLUCA	FILE NO: NY0627PM01		
	PROJECT MGR.: R. SAAR			



SUBJECT:

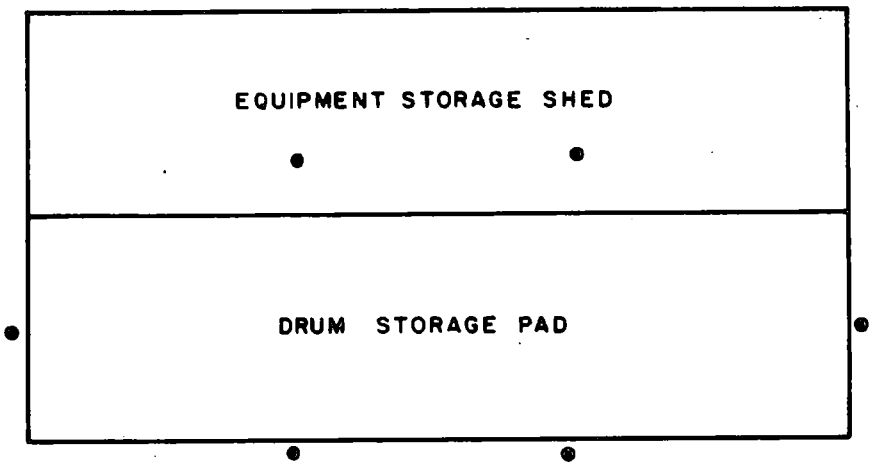
PROPOSED SOIL SAMPLING LOCATIONS, SLUDGE DEGREASER PIT

FIGURE 1

141991

GERAGHTY & MILLER, INC.
Ground-Water Consultants

COMPILED BY: C. GILROY	DATE: 2/89	SCALE: SHOWN	PREPARED FOR:	LENOX CHINA
PREPARED BY: E. DeLUCA	FILE NO: NY0627PM01			Pomona, New Jersy
PROJECT MGR.: R. SAAR				



0 20 FT
SCALE

EXPLANATION

● PROPOSED SOIL SAMPLING LOCATION.

SUBJECT:

PROPOSED SOIL SAMPLING LOCATIONS, TCE DRUM STORAGE PAD

FIGURE 2

141991

Let's protect our earth

Copy to Andy

ENVIRONMENTAL PROTECTION AGENCY
REGION II
(609)633-1408
89 APR 24 PM 2:12
HAZARDOUS WASTE FACILITIES BRANCH

CN 028
Trenton, N.J. 08625-0028

State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF HAZARDOUS WASTE MANAGEMENT

John J. Trela, Ph.D., Director

Michele M. Putnam
Deputy Director
Hazardous Waste Operations

Lance R. Miller
Deputy Director
Responsible Party Remedial Action

Louis A. Fantin
First Asst. General Counsel
Lenox, Inc.
100 Lenox Drive
Lawrenceville, NJ 08748-2394

C484 - APR 17 1989

RE: Drum Storage Area Soil Sampling and Analysis Plan (SSAP), Lenox China, Inc., Pamona, EPA ID No. NJD 002 325 074

Dear Mr. Fantin:

The Bureau of Hazardous Waste Engineering (Bureau) received the following comments resulting from a review of the SSAP by Sara Kinsel, Bureau of Ground Water Pollution Abatement. Therefore the following amendments to the SSAP shall be made in addition to those required by the Bureau's April 5, 1989 letter to Lenox Inc.:

1. One sample shall be taken at the Drum Storage Pad and Sludge Degreaser Pit from an interval approximately one foot above the top of the water table (deep sample). The water table should be about 6 to 10 feet below ground surface in this area. A sample from an intermediate depth shall also be obtained. Ground water in the vicinity of the Drum Storage Pad and Sludge Degreaser Pit is known to be contaminated with trichloroethylene and thus these deeper samples will be useful in determining whether or not there are localized zones of soils contaminated with high levels of trichloroethylene acting as a continuing source of discharges to ground water. It may or may not be practical to remove soils from these depths if contamination is present, but it will be useful to know if localized contamination is present when evaluating various ground water remediation options. Localized "hotspots" of contamination could be removed if practical in order to prevent on-going discharges to ground water. Other types of in-situ soil remediation could be considered if removal is not practical.

2. The last paragraph on page 3 of SSAP states that four samples will be analyzed..., but six boring locations are proposed at the Drum Storage Pad. If Lenox is not able to able to obtain the samples inside the storage shed, they shall take samples from the two alternate locations shown on the attached copy of Figure 2. However, because samples at three depth intervals will be taken at each boring location, there will

APR 17 1989

be a total of 21 samples (one boring Sludge Degreaser Pit, six borings Drum Storage Pad) and an appropriate number of field and trip blanks that will be analyzed.

If you have any questions regarding this matter, please call Mr. James Bridgewater of my staff at (609) 292-9880.

Very truly yours,

Thomas Sherman

Thomas Sherman, Acting Chief
Bureau of Hazardous Waste Engineering

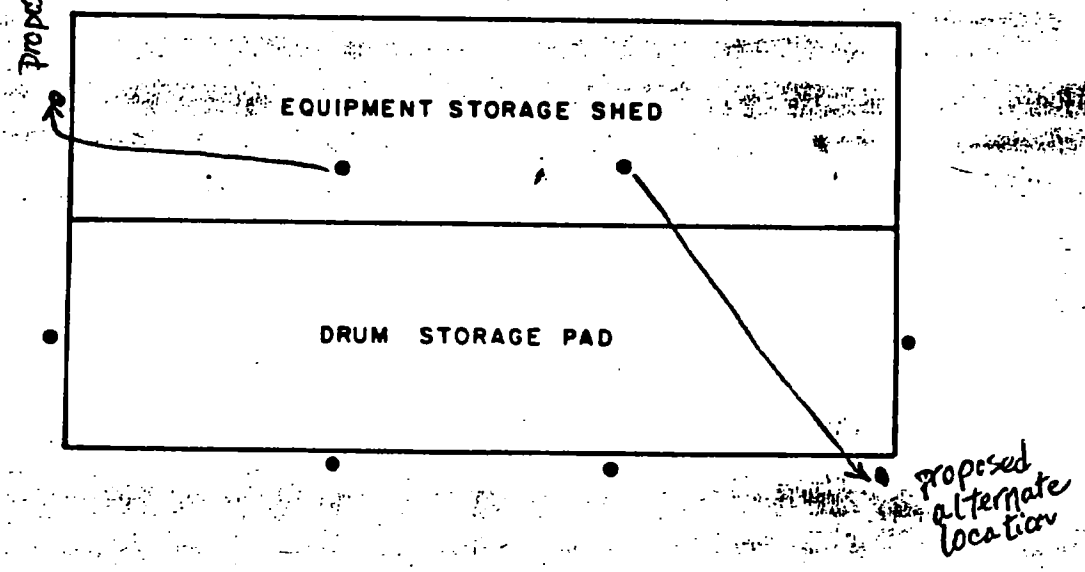
EP52/dbm
Enclosure

c: Barry Tornick, USEPA
Thomas Downey,BSE

DOCUMENT: LENOX
FOLDER: DBMMCB

GERAGHTY & MILLER, INC.
Ground-Water Consultants

COMPILED BY: C. GILROY	DATE: 2/89	SCALE: SHOWN	PREPARED FOR:	LENOX CHINA
PREPARED BY: E. DeLUCA	FILE NO: NY0627PM01			Pomona, New Jersy
PROJECT MGR.: R. SAAR				



SUBJECT:

PROPOSED SOIL SAMPLING LOCATIONS, TCE DRUM STORAGE PAD

FIGURE 2

141081

NJS 002325074

2F

ROC with Tracy Wagner, DWR, NJDEP DE84- 8/31/89

Cessna - I asked her when a post-closure permit for the facility would be issued. I mentioned that it was projected for September this year. She said that a post-closure permit for the site would not be issued in near future but instead NJDEP was preparing a permit to require Interim Remedial Measures (IRM) and RFI. This corrective action permit would require groundwater pumping and injection in the areas of the RCRA-regulated surface impoundments and the land disposal SWMUs. This corrective action permit is expected to be public noticed within two weeks. She said that the information required for issuance of the post-closure permit is currently not available at NJDEP. The post-closure permit process for the facility will be initiated after the issuance of the corrective action permit. The facility submitted a revised post-closure plan in July 1989.

Lenox China - She said that all waste and the contaminated soil in and around the glaze basin, except the soil in the north-west side wall of the basin, were removed. The soil in the north-west side wall is contaminated above the action level but, due to creating a structural instability of the drum storage area above the soil, the contaminated soil in the north-west side wall has not been removed. The area of the excavated glaze basin was backfilled with clean fill and was paved over with asphalt. She asked me whether the RCRA capping should be required. She indicated that the amount of the contaminated soil is about five cubic foot and the level of the contamination is not serious, just above the action level. She also said she contacted EPA Hotline. The response from Hotline is to allow the existing closure without requiring a RCRA cap. I also said that, considering the upcoming groundwater rememdiation program and the groundwater monitoring program for the glaze basin during the post-closure care, the existing closure would be acceptable. I told her that I need to talk to Barry about this issue and would get back to her. OK

The company has proposed a conceptual design for closure of the slip basin. The proposed design includes raising the bottom of the slip basin above the water table by moving the waste within the unit, solidifying the sludge, and putting a RCRA cap. The proposed design has been agreed by DEP and the company. A detailed closure plan for the slip basin is expected on Sept. 17.

The company needs to have a RCRA post-closure permit. At the time of the telephone conversation, NJDEP has no schedule for the post-closure permit.

CA?

Chevron - I asked Henry Shuver when a closure plan would be approved. He said that the facility is proposing a revised closure plan, and the revised closure plan is expected on Sept. 19. I indicated that a closure plan had been revised numerous times and that NJDEP should draw the line to have a final closure plan. He said that the plan to be submitted on Sept. 19 would be

a final plan. Approval of a closure plan will be based on the closure plan. Henry said that the to-be-submitted closure plan would include a solvent recycling and disposal of the sludge from the slovent recycling to the unit. It was not clear to me how the revised closure plan is different from the previous versions.

I spoke to Tracy. It was not clear when DEP would issue a RFI permit. Tracy and I agreed that a RFI permit would be issued regardless of the schedule of the closure approval.

2F

05/16/93

* * * RCRIS INFO * * *

HANDLER NAME / ID / ADDRESS — S O N C — REGULATED ACTIVITIES

LENOX CHINA, INC. — S PP — LG — LD

NJD002325074 TILTON ROAD, POMONA

UNIT GROUP INFORMATION

PROCESS-UNITGROUP	DESIGN CAPACITY	UNITS	CURRENT TRACK
S01-01	50.000 -G	0000001	OP - OPERATING
S01-07	50.000 -G	0000000	CL - CLOSURE
S04-SURF IMP-S	400,000.000 -G	0000001	PC - POST CLOSE
S04-02	400,000.000 -G	0000001	OP - OPERATING
S04-05	400,000.000 -G	0000000	PC - POST CLOSE
S04-08	400,000.000 -G	0000000	CL - CLOSURE
T01-03	300,000.000 -U	0000001	OP - OPERATING
T01-09	300,000.000 -U	0000000	CL - CLOSURE
T02-SURF IMP-T	30,000.000 -U	0000001	PC - POST CLOSE
T02-04	30,000.000 -U	0000001	OP - OPERATING
T02-06	30,000.000 -U	0000000	PC - POST CLOSE
T02-10	30,000.000 -U	0000000	CL - CLOSURE

OPERATING EVENTS (001 PERMIT1-J)

STATE: NJDWR EPA: R2PP

EVENT / STATUS / COVERED UNITS / COMMENTS	STAFF	SCHEDULED	ACTUAL
OP-010-01 PART B CALL-IN	E SWF		07/08/83
S01-01 S04-02 T01-03 T02-04			
OP-020-01 PART B RECEIVED	E SWF	01/11/84	02/13/84
S01-01 S04-02 T01-03 T02-04			
OP-480-01 REGIONALLY DEFINED	E SWQ		03/23/84
S01-01 S04-02 T01-03 T02-04			
OP-482-01 FINANCIAL REVIEW	E GAB	04/21/84	05/08/84
S01-01 S04-02 T01-03 T02-04			
OP-492-01 SITE VISIT AFTER PERMIT APPLIC CALL	S DWR		09/25/84
S01-01 S04-02 T01-03 T02-04			
OP-403-01 APPLICATION REVIEWED FOR COMPLETENE	S DEP	04/13/84	10/18/84
IN *** DESCRIPTION UNAVAILABLE ***			
S01-01 S04-02 T01-03 T02-04			
OP-100-01 NOTICE OF DEFICIENCY	S DWR		12/06/84
S01-01 S04-02 T01-03 T02-04			
DWR CALL-IN FOR LD			
OP-100-02 NOTICE OF DEFICIENCY	S JSB		12/06/84
S01-01 S04-02 T01-03 T02-04			
OP-434-01 PERMIT APPLICATN REFERRED TO AUTH S	S DEP		12/06/84
S01-01 S04-02 T01-03 T02-04			
OP-110-01 REVISIONS RECEIVED	S JSB	03/06/85	04/29/85
IN - INCOMPLETE			
S01-01 S04-02 T01-03 T02-04			
RESPONSE DEFICIENT, REFERRED TO ENF. ON 6/21/85.			
OP-100-03 NOTICE OF DEFICIENCY	S JSB		06/21/85
S01-01 S04-02 T01-03 T02-04			
ADMIN NOD #2			
OP-110-02 REVISIONS RECEIVED	S JSB	08/20/85	08/12/85
S01-01 S04-02 T01-03 T02-04			
30 DAY EXTENSION GRANTED			
OP-110-03 REVISIONS RECEIVED	S JSB		08/16/85
S01-01 S04-02 T01-03 T02-04			

ADDITIONAL RESPONSE TO ADMIN NOD #2
OP-110-04 REVISIONS RECEIVED S JSB 08/19/85
S01-01 S04-02 T01-03 T02-04
ADDITIONAL RESPONSE TO ADMIN NOD #2
OP-110-05 REVISIONS RECEIVED S JSB 08/22/85
S01-01 S04-02 T01-03 T02-04
ADDITIONAL RESPONSE TO ADMIN NOD #2
OP-403-02 APPLICATION REVIEWED FOR COMPLETENE S JSB 10/02/85
CO *** DESCRIPTION UNAVAILABLE ***
S01-01 S04-02 T01-03 T02-04
ADMINISTRATIVELY CPMPLETE
OP-439-01 FACILITY MANAGEMENT PLAN SCREEN E SAP 11/16/85
ES *** DESCRIPTION UNAVAILABLE ***
S01-01 S04-02 T01-03 T02-04
OP-492-02 SITE VISIT AFTER PERMIT APPLIC CALL S JSB 01/24/86
S01-01 S04-02 T01-03 T02-04
OP-100-04 NOTICE OF DEFICIENCY S JSB 04/01/86
S01-01 S04-02 T01-03 T02-04
TECH NOD FOR DRUM STORAGE ONLY
OP-443-01 EXPOSURE INFORMATION RECEIVED E SSK 04/04/86
S04-02 T02-04
OP-110-06 REVISIONS RECEIVED S JSB 04/29/86
S01-01 S04-02 T01-03 T02-04
DRUM STORAGE ONLY
OP-100-05 NOTICE OF DEFICIENCY S DWR 05/09/86
S01-01 S04-02 T01-03 T02-04
TECH NOD FOR LAND DISPOSAL
OP-440-01 FACILITY MANAGEMENT PLAN REVIEWED E SWB 05/28/86
S01-01 S04-02 T01-03 T02-04
OP-492-03 SITE VISIT AFTER PERMIT APPLIC CALL S JGM 12/15/86
S01-01 S04-02 T01-03 T02-04
OP-160-01 PUBLIC NOTICE S DWR 12/26/86
ID - INTENT TO DENY
S01-01 S04-02 T01-03 T02-04
OP-200-01 FINAL DETERMINATION S 05/22/87
PD - PERMIT DENIED
S01-01 S04-02 T01-03 T02-04
OP-100-06 NOTICE OF DEFICIENCY S JGM 06/14/88
S01-01 S04-02 T01-03 T02-04
TECH NOD FOR DRUM STORAGE ONLY
OP-110-07 REVISIONS RECEIVED S JJB 08/12/88 07/13/88
S01-01 S04-02 T01-03 T02-04
EXTENSION REQUEST
OP-110-08 REVISIONS RECEIVED S JJB 08/10/88
IN - INCOMPLETE
S01-01 S04-02 T01-03 T02-04
NEED MORE INFO ON CLOSURE COST ESTIMATE
OP-492-04 SITE VISIT AFTER PERMIT APPLIC CALL S JJB 09/12/88
S01-01 S04-02 T01-03 T02-04
OP-100-07 NOTICE OF DEFICIENCY S JJB 10/13/88
S01-01 S04-02 T01-03 T02-04
OP-110-09 REVISIONS RECEIVED S JB 12/12/88
S01-01 S04-02 T01-03 T02-04
OP-180-01 RECEIVED WITHDRAWAL REQUEST S JJB 02/08/89
LN - APPLIC. HAS/WILL GO < 90 DAYS STORAGE
S01-01 S04-02 T01-03 T02-04
TCE DRUM PAD
OP-190-02 WITHDRAWAL REQUEST DETERMINATION S JJB 09/19/89
AR - APPROVED REQUEST
S01-01 S04-02 T01-03 T02-04

CLOSURE EVENTS (003 CLOSURE1-J) STATE: NJDWR EPA: R2PP

EVENT / STATUS / COVERED UNITS / COMMENTS	STAFF	SCHEDULED	ACTUAL
CL-310-01 PLAN RECEIVED - CLOSURE	S JJB		05/30/89
S01-07 S04-08	T01-09	T02-10	
CL-340-01 PUBLIC NOTICE - CLOSURE	S JJB		08/17/89
S01-07 S04-08	T01-09	T02-10	
CL-360-01 PLAN APPROVED - CLOSURE	S JJB		09/19/89
ME - FINAL CLOSURE			
S01-07 S04-08	T01-09	T02-10	
CL-380-01 CLOSURE VERIFICATION	S JJB		08/16/90
S01-07 S04-08	T01-09	T02-10	

POST CLOSURE EVENTS (002 PCLOSURE1-J) STATE: NJDWR EPA: R2JRJ

EVENT / STATUS / COVERED UNITS / COMMENTS	STAFF	SCHEDULED	ACTUAL
PC-310-02 PLAN RECEIVED - CLOSURE/POST-CLOSUR	S DWR		07/08/87
CL - CLOSURE			
S04-05 T02-06			
CLOSURE PLAN FOR GLAZE BASIN			
PC-200-01 FINAL DETERMINATION	E		11/30/87
S04-05 T02-06			
PC-310-01 PLAN RECEIVED - CLOSURE/POST-CLOSUR	S DWR		11/30/87
PC - POST CLOSURE			
S04-05 T02-06			
CL/P-CL FOR SLIP BASIN			
PC-330-01 REVISIONS RECEIVED-CLOSURE/POST-CLO	S DWR		11/30/87
CL - CLOSURE			
S04-05 T02-06			
MODIFICATIONS TO CLOSURE PLAN FOR GLAZE BASIN			
PC-340-01 PUBLIC NOTICE - CLOSURE/POST-CLOSUR	S DWR		03/03/88
CL - CLOSURE			
S04-05 T02-06			
PUBLIC NOTICE OF PERMIT FOR GLAZE BASIN CLOSURE			
PC-360-01 PLAN APPROVED - CLOSURE/POST-CLOSUR	S DWR		05/18/88
MO - PARTIAL CLOSURE			
S04-05 T02-06			
FINAL APPROVAL OF GLAZE BASIN CLOSURE			
PC-411-01 CLOSURE PROCESS BEGUN	S DWR		06/06/88
YE *** DESCRIPTION UNAVAILABLE ***			
S04-05 T02-06			
CLOSURE OF GLAZE BASIN			
PC-402-01 CLOSURE PLAN REQUESTED	S DWR		09/01/88
S04-05 T02-06			
PC FOR GLAZE BASIN			
PC-310-03 PLAN RECEIVED - CLOSURE/POST-CLOSUR	S DWR		10/04/88
PC - POST CLOSURE			
S04-05 T02-06			
PC FOR GLAZE BASIN			
PC-404-01 REVIEW OF CLOSURE/POST-CLOSURE PLAN	S DWR		05/26/89
CL *** DESCRIPTION UNAVAILABLE ***			
S04-05 T02-06			
SENT LTR REQUESTING MOD TO CLO PLN FOR SLIP BASIN			
PC-330-02 REVISIONS RECEIVED-CLOSURE/POST-CLO	S DWR		08/18/89
CL - CLOSURE			
S04-05 T02-06			
MOD TO CLOSURE PLAN FOR GLAZE BASIN			
PC-330-03 REVISIONS RECEIVED-CLOSURE/POST-CLO	S DWR		10/03/89
CL - CLOSURE			
S04-05 T02-06			
MOD TO CLOSURE PLAN FOR SLIP BASIN			

PC-330-04 REVISIONS RECEIVED-CLOSURE/POST-CLO S DWR 10/19/89
CL - CLOSURE
S04-05 T02-06
MOD TO CLOSURE PLAN FOR SLIP BASIN
PC-411-02 CLOSURE PROCESS BEGUN S DWR 03/30/90
YE *** DESCRIPTION UNAVAILABLE ***
S04-05 T02-06
FOR SLIP BASIN
PC-340-02 PUBLIC NOTICE - CLOSURE/POST-CLOSUR S DWR 04/12/90
PC - POST CLOSURE
S04-05 T02-06
FOR GLAZE BASIN POST CLOSURE & SLIP BASIN CLOSURE
PC-370-01 RECEIVE CLOSURE CERTIFICATION S DWR 05/24/90
YE - ACCORDING TO PLAN
S04-05 T02-06
CLOSURE CERTIFICATION RECEIVED FOR GLAZE BASIN
PC-360-02 PLAN APPROVED - CLOSURE/POST-CLOSUR S DWR 06/29/90
ME - FINAL CLOSURE
S04-05 T02-06
FOR GLAZE BASIN POST CLOSURE & SLIP BASIN CLOSURE
PC-370-02 RECEIVE CLOSURE CERTIFICATION S DWR 09/04/90
YE - ACCORDING TO PLAN
S04-05 T02-06
CLOSURE CERTIFICATION RECEIVED FOR SLIP BASIN
PC-200-02 FINAL DETERMINATION E JRJ 09/30/92
S04-05 T02-06
CL/P-CL FOR SLIP BASIN

POST CLOSURE EVENTS (500 NEW-PCP-J) STATE: NJDWR EPA: R2AP

EVENT / STATUS / COVERED UNITS / COMMENTS	STAFF	SCHEDULED	ACTUAL
PC-200-01 FINAL DETERMINATION	E AP		09/21/92
PJ - RCRA PERMIT ISSUED WITH HSWA CA SCHED.			
S04-SURF IMP-S T02-SURF IMP-T			
EPA HSWA PERMIT ISSUED			

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NJ 0023250 74 26

State of New Jersey
Department of Environmental Protection and Energy
Division of Responsible Party Site Remediation
CN 028
Trenton, NJ 08625-0028

Scott A. Weiner
Commissioner

Karl J. Delaney
Director

VIA FACSIMILE
CERTIFIED MAIL
RETURN RECEIPT REQUESTED
NO. P261037715

CAGR — JUN 30 1993

Mr. Stephen F. Lichtenstein
Lenox Inc.
Lawrenceville, N.J. 08648-2394

Dear Mr. Lichtenstein:

Re: **Lenox China - Pomona**
Tilton Road Pond Emergency Repair Plan
Galloway Township, Atlantic County

The New Jersey Department of Environmental Protection and Energy (Department) has reviewed the above referenced revised Plan prepared by Eder Associates on behalf of Lenox China (Lenox) and received on June 9, 1993. The Department has determined that the above referenced plan is approved.

If you have any questions, please contact me at (609) 633-1455.

Sincerely,

Frank Faranca

Frank Faranca, Project Manager
Bureau of Federal Case Management

Enclosure w/enclosure
FFF 01/07/99 - ROM
c: Andrew Park, USEPA, Region II
Daryl Clark, NJDEPE/DPFSR/BGWPA
John Evenson, NJDEPE/DPFSR/BEMQA
John Kinkela, Lenox China, Pomona Facility

EIR CHECKLIST

Name: Lenox China

Location: Pomona, NJ NJD002325074

Facility Type: 2 SI + storage pad

Waste Volume: Only the drums storage area receives wastes
~~approx~~ max = 16,800 lbs/yr, max 4,200 lbs/3 months

Proximity of Nearest Residents:
~1500 ft NE of site on White Horse Lane. Nearest housing development is 2,500 ft N of site = Germania Gardens

Population within four miles: 23542

Nature of Surrounding Area: Lenox is in Industrial zone. Neighboring area is low density residential and agricultural with commercial/residential strip along White Horse Lane (N & East of site)

Primary Source of Drinking Water: wells

Location of Nearest Private Drinking Wells: 8-10 wells, approx 4000 ft N (down gradient) of site. Nearest irrigation well = 4000 ft East

Location of Nearest Municipal Wells: No municipal wells w/i 3 mile area and downgradient of Lenox

Number of Wells within Three Miles: 67 domestic; 10 commercial/industrial
8-irrigation; & 2-public supply

Location of Nearest Surface Water:
~~2~~,000 ft to nearest significant surface water - Clarks Mill Stream

Municipal Intakes on Nearest River: minimal use of surface water in the area because of shallow depths, low flow

NPDES Discharge: NJPDES # NJ0005177

Air Issues/Citizen Complaints: None

Transportation:

p2-6 **Releases:** No known releases to surface or ground water. Lenox claims that if there was a g-water release, lead would show up in tests on their own supply wells. The latest (9/85) test results are included, which show minimal lead

Other Important Information:
p 2-5 DEP has issued permits for high use pumping operations to 3 users in the same area: FAA at Atlantic City Airport, Atlantic City Racing Assoc & Lenox China. Total = 56.1 million gallons/month. Effect on water table?

Storm water Retention System plan is included in EIR